

METHOD FOR PRODUCING A CAM FOR A CLUTCH, DEVICE FOR MILLING THE CONTOUR SURFACES OF THE CAM, AND DEVICE FOR SHORTENING THE CAM JOURNAL

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Cited documents:



WO0168390

WO0071371

GB270587

US3889424

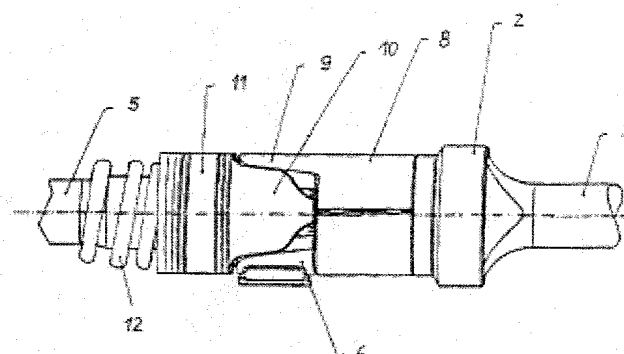
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Abstract of WO2004028840

Until now, cams for clutches have been produced by machining in a highly complex manner.

According to the invention, in order to reduce the corresponding production costs, the cam (6) is first formed or deformed in such a way that the outer surface (13) has its finished measures and the cam journal (18) has an overlength.

Mechanical machining is carried out, the finished outer surface (13) being used as an abutment for the clamping device. After the mechanical machining, the overlength of the cam journal (18) is twisted off. A novel clamping device is provided for the mechanical processing of the cam (6), and a novel rotary device is provided for twisting off the overlength of the cam journal (18).



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